



## ATTACHMENT A

### New Claims

Following herewith is a clean copy of each new claim.

55. (New) An intervertebral implant comprising,  
an upper part having an upper surface for engaging a vertebrae and a lower  
surface which includes a rounded portion,  
a lower part having a lower surface for engaging a vertebrae and an upper  
surface portion in operative engagement with the rounded portion of the upper part,  
the upper part and lower part each having a lead end which leads as the implant  
is inserted into the intervertebral space and a trailing end opposite the lead end and  
including two lateral sides,  
a single anchor on each of the upper surface of the upper part and the lower  
surface of the lower part, each anchor being located along a line essentially midway  
between said lateral sides and of a height sufficient to anchor its respective part into a  
groove cut into the vertebrae which that surface engages.

56. (New) An intervertebral implant according to claim 55, wherein the  
rounded portion of the upper part is concave and the upper surface portion of the lower  
part is convex.

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57. (New) An intervertebral implant according to claim 56, wherein the lower part is formed in two pieces including a lower piece which has the said lower surface and an upper piece which has the upper surface portion.

58. (New) An intervertebral implant according to claim 55, wherein the height of at least one anchor is greater than the height of the remainder of its respective upper or lower part.

59. (New) An intervertebral implant according to claim 58, wherein both of the anchors are greater in height than the remainder of their respective upper or lower parts.

60. (New) An intervertebral implant according to claim 55, the length of at least one anchor in the direction along the midline being greater than one half of the entire front to rear dimension of its respective part.

61. (New) An intervertebral implant according to claim 60, wherein the length of both anchors in the direction along the midline are greater than one half of the entire front to rear dimension of their respective upper or lower part.

62. (New) An intervertebral implant according to claim 55, wherein the rounded portion of the upper part and the upper surface portion of the lower part are spherical.

63. (New) An intervertebral implant according to claim 55, the upper and lower parts, in plan view, being generally rectangular.

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C, 64. (New) An intervertebral implant according to claim 63, wherein the single anchors are substantially parallel to the shorter sides of the generally rectangular shape of the upper and lower parts.

65. (New) An intervertebral implant according to claim 55, including apertures in the trailing ends of the upper and lower parts for receiving inserting instruments.

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